

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0145	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	53	MPa	ASTM D 638
Flexural Modulus	1814	MPa	ASTM D 790
Flexural Strength	79	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	90	E-6/K	ASTM D 696
DTUL @ 66 psi	160	°C	ASTM D 648
DTUL @ 264 psi	65	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149
Dielectric Constant, 1 MHz	3.2	-	ASTM D 150
Arc Resistance	125	s	ASTM D 495
Other properties			
Density	1080	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Applications

Automotive

Regional Availability

North America, Asia Pacific